

## IN THE SPECIFICATION:

Page 1, before the line 3, please insert the following heading: -- Field of the Invention --;

Page 1, after line 5, please insert the following heading: -- Background of the Invention --;

Page 1, after line 33, please insert the following heading: -- Summary of the Invention --;

Page 4, after line 25, please insert the following heading: -- Brief Description of the Drawings --;

Page 5, after line 3, please insert the following heading: -- Detailed Description of the Invention --;

Please delete the paragraph at Page 5 lines 2-3 and insert the following paragraph as amended:

Fig. 5 is a schematic front cross-section of a third casing configuration[[.]]; and

Fig. 6 is a schematic longitudinal cross-section of a prior engine arrangement; and

Fig. 7 is a side view of a prior eccentric rotation arrangement.

Please delete the paragraph at Page 8 lines 7-27 and insert the following paragraph as amended:

Alternative means to vary the gap between the rotary assembly and its casing are described in European Patent Publication No. ~~079390~~ 0790390 (Rolls Royce Plc) and U.S. Patent No. 4330234 (Rolls Royce Ltd). In European Patent Publication No. 0790390 variation in the clearance gap between a rotary assembly and its casing is achieved through additional cooling of a stator disk upon which the elements of the rotary assembly are secured. Such selective cooling of the stator disk allows that disk to contract or expand in order thereby to alter the tip edge clearance created by the elements secured to that stator disk in

the rotary assembly and therefore vary the clearance gap between that tip edge or periphery of the rotary assembly and its casing. In U.S. Patent No. 4330234 the casing comprises a number of casing segments supported upon respective eccentric cam mechanisms whereby rotation creates axial displacement of an angularly presented casing segment as illustrated in Figure 7 of the present specification. Such eccentric rotation thereby alters the angular relationship and therefore clearance gap between a peripheral or tip edge of a rotary assembly beneath the casing segment.

Please insert the following paragraph at Page 13 before line 22:

The present invention also comprises a rotor system calibration arrangement comprising a rotor system described hereinbefore whereby the control means includes means to periodically set a reference datum for the desired value of the gap and means to operate an open loop control strategy dependent upon responses from the means to detect rub contact. The means to periodically set a reference datum would be a program running within the control means, which would be either a separate computing device or part of a sub-system in the Engine Control Unit (ECU) 27.